

It - Lightwave Digital Transmission Systems

It-a Asynchronous Systems

Manufacturer	Designation	Optical Bit Rate (Mb/s)	System Capacity & Interfaces ⁽¹⁾
ADC	SFLC	1.544	1DS1
	DFLC/XR/XT	1.544	1DS1
	QFLC	6.312	1DS2 (8 DS1)
Alcatel	DML-3x50	50	1DS3 (28 DS1)
		150	3DS3 (84 DS1)
AT&T	DDM-Plus	9.486	1DS2 (8 DS1)
	DDM-1000	90	2DS3 (56 DS1)
		180	4DS3 (112 DS1)
Nortel Networks, Inc.	FMT-6	6.312	1DS2 (4 DS1)
	FMT-150	150	3DS3 (84 DS1)
Telco Systems	FOX Family ⁽²⁾	6.312	See Below ⁽³⁾
	828AF/AF-XT	45	1DS3 (28 DS1)

Notes:

(1)The basic lightwave system capacity and interface is shown with the maximum DS1 capacity shown in parenthesis. The DS3 rate is approximately 45 Mb/s and has the capacity for 28 DS1s. The DS1 rate is approximately 1.5 Mb/s and has the capacity of 24 voice channels.

(2)Includes only FOX-2, FOX-2R/R XT, FOX-2RS/RS XT, FOX-2 T-HUB.

(3)FOX-2 1DS2 (4 DS1), FOX-2R/R XT and FOX-2RS/RS XT 2DS2 (8 DS1), FOX-2 T-HUB 7DS2 (28 DS1).

It - Lightwave Digital Transmission Systems

It-b Synchronous Systems

<u>Manufacturer</u>	<u>Designation</u>	<u>Optical Bit Rate</u>	<u>Configurations</u>		
			Pt-Pt	Add/Drop	Ring
ADC	DS3/OC1 FLC	OC-1	Y	N	N
Alcatel	TM-50	OC-1	Y	N	N
	ADM-50	OC-1	Y	Y	N
	1603 SMX	OC-3	Y	Y	Y
		OC-12	Y	Y	Y
		OC-48	Y	Y	Y
AT&T	DDM-2000	OC-3	Y	Y	Y
		OC-12	Y	Y	Y
Cisco Systems	Cisco 15454	OC-3	Y	Y	Y
		OC-12	Y	Y	Y
		OC-48	Y	Y	Y
Nortel Networks, Inc.	S/DMS Transport Node	OC-3	Y	Y	N
		OC-12	Y	Y	Y
		OC-3 Express ⁽²⁾	Y	Y	Y

⁽²⁾Includes the CX (Compact Express).